

## Portable Road Construction Plants and Similar Setups

Unless otherwise exempt under the US Dept. of Labor Mine Safety and Health Administration statutes, electrical wiring for portable generators, road construction plants, concrete plants, crushers, conveyors, pumps and similar temporary electrical systems is regulated by and shall be installed in accordance with the requirements of the Minnesota Electrical Act.



As part the set up at each location, employees are permitted to install the grounding electrodes and connect portable cords or cables that terminate in separable connectors or in permanently installed, color-coded lugs and terminal blocks.

If the owner employs a master electrician and has registered with the department, the electrical work can be performed by licensed or properly supervised registered unlicensed employees; otherwise all electrical wiring and repair work shall be performed by employees of a licensed electrical contractor.

At or before the first operation of the equipment each year the owner shall schedule an initial inspection of all generators and electrical distribution equipment prior to it being energized or put into use. The inspection fees shall be calculated in accordance with MN Stat. §326B.37.

In addition, the generator or power supply and the electrical distribution shall be inspected at each site when the equipment is repositioned. A *Request for Electrical Inspection* (permit) shall be filed for each location and the owner shall arrange for the inspection.

### Electrical Wiring

Installations of electrical wiring and equipment shall meet the provisions of the most recently adopted edition of the National Electrical Code. All documented code violations shall be corrected by properly licensed persons and inspected for compliance.

Link to the current directory of electrical inspectors:

[http://www.dli.mn.gov/CCLD/PDF/eli\\_ElectricalInspectorDirectory.pdf](http://www.dli.mn.gov/CCLD/PDF/eli_ElectricalInspectorDirectory.pdf)

Link to the *Laws and Rules Regulating Licensing of Electricians and Inspection of Electrical Installations*:

<https://www.revisor.mn.gov/statutes/?id=326B&format=pdf>